

Amendments to the Specification

Applicants make the following amendments to the Specification as noted below.

In the Abstract:

Catalyst compositions characterized by the general formula $B(FluA)MQ_n$, wherein Flu is a fluorenyl group that is substituted, A can be a cyclopentadienyl group, an indenyl group, or a heteroorgano group that is substituted or unsubstituted, B is a structural bridge which imparts stereorrigidity to the ligand structure, M is a Group 4 or Group 5 transition metal, Q is chlorine, bromine, iodine, an alkyl group, an amino group or an aromatic group, and n is 1 or 2, and processes using the catalyst compositions for the polymerization of ethylenically unsaturated monomers to produce polymers specific to the polymerization of propylene to produce isotactic polypropylene and copolymer, such as specifically an ethylene-propylene copolymer. An olefin polymerization catalyst is characterized by the formula:

 $B(FluA)MQ_n$

wherein Flu is a fluorenyl group substituted at the 4(5) position by a bulky hydrocarbyl group having at least 3 carbon atoms, A is a substituted or unsubstituted cyclopentadienyl or indenyl group or a heteroorgano group, XR , in which X is a heteroatom from Group 15 or 16 such as nitrogen, R is an alkyl group or cycloalkyl group or a mononuclear aromatic group which may be substituted or unsubstituted, B is a structural bridge which imparts stereorrigidity to the ligand structure. The bridge B is characterized by the formula ERR' , in which E is a carbon, silicon or germanium atom, and R' and R'' are each independently an alkyl group, an aromatic group or a cycloalkyl group. M is a Group 4 or Group 5 transition metal such as titanium, zirconium or hafnium. Q is chlorine, bromine, iodine, an alkyl group, an amino group or an aromatic group. n is 1 or 2. The fluorenyl group may be substituted at both of the 4 or 5 positions with a bulky hydrocarbyl group containing at least 3 carbon atoms. A may take the form of an indenyl group which is substituted or unsubstituted, or a cyclopentadienyl group which is substituted at the 3 or the 3 and 5 positions. The fluorenyl group may be mono-

~~substituted at the 4 (or 5) position and is otherwise unsubstituted or is di-substituted at the 2,7 positions with alkyl or phenyl or substituted phenyl groups.~~